

AMERICAN CHEMICAL SERVICES NPL SITE
GRIFFITH, INDIANA
SITE SUMMARY AS OF November 20, 1990

SITE HISTORY

The American Chemical Services NPL site was listed on the National Priorities List (NPL) in September 1984. The ACS site contains a RCRA "interim status" facility currently undergoing closure proceedings overseen by the Indiana Department of Environmental Management. When it operated the facility accepted various hazardous materials, primarily spent solvents, for distillation and eventual resale. The ACS site is composed of three landfilled areas: the "on-site containment area"; the "off-site containment area"; and the village of Griffith municipal landfill. The two containment areas contain numerous buried drums and sludges derived from ACS processes, and contain non-recyclable materials transported to ACS by its customers all during the period from 1955 until 1975. It is reported that the Village of Griffith landfill may have been used by ACS and others for the disposal of various hazardous substances. Other areas at the site include the Kapica Drum area (located outside the operating portion of the facility) and a buried still bottoms pond (located inside the operating facility). Kapica Drum encompasses approximately two acres and formerly housed a drum reclaiming operation which was known to discharge solvents directly to the ground surface. A consent order to perform a RI/FS was signed by approximately 150 former customers of ACS as potentially responsible parties (PRPs) on June 28, 1988. Site work began in late June 1989. The USEPA recently issued a RCRA complaint against ACS, which resulted in a Consent Decree ordering ACS to either comply with RCRA financial assurance regulations by early September 1990, or close the facility. As a result of the decree, ACS ceased accepting hazardous wastes as of September 5, 1990. ACS submitted their hazardous waste closure plan to the Indiana Department of Environmental Management on October 5, 1990 per the federal consent decree.

CURRENT CLEANUP STATUS

Phase I of the RI was completed in early December 1989, with the submittal of technical memoranda to USEPA by the PRPs contractor. Phase I results showed highly contaminated soils in the Kapica Drum area, highly contaminated groundwater underlying most areas of the site, and large volumes of hazardous waste materials within the on-site and off-site containment areas. Phase II RI field work concentrated on determining the extent of groundwater contamination, sampling of residential wells, delineating the volume of highly toxic hazardous substances in the waste burial areas (e.g., PCBs), delineating site wetlands, delineating sediment and surface water contamination, and the extent of waste burial. A limited third phase of site work is scheduled to begin later in November 1990 to delineate portions of the existing groundwater contamination at the site. Both deep aquifer and shallow aquifer wells are expected to be installed. The RI Report will discuss the findings of Phases I, II and III.

ENVIRONMENTAL SITUATION

Large tracts of wetlands border the site to the west, southwest, north, and east. Sediment samples have been taken to assess the impact the site has had on these areas. Two aquifers underlie the site, and are separated by a highly impermeable clay layer that averages 10 feet thick throughout. The upper aquifer, which averages 12 feet in thickness, is heavily contaminated with benzene, xylenes and toluene, and halogenated compounds in DNAPL form. Lesser concentrated substances in the upper aquifer include: methylene chloride, chloroethane, phenols, various semi-volatile compounds and trace PCBs near one source area. Upper aquifer groundwater appears to discharge to nearby wetland areas and surface water features, but the extent of discharge and its impact is as yet unknown. Preliminary data shows the lower aquifer to be contaminated on-site, however, residential wells screened in the deep aquifer near the site do not appear to be impacted.

PROPOSED SCHEDULE

Due to difficulties in scheduling, the submittal of the draft RI report to USEPA has been delayed from September 7, until November 1990. The final RI report which will include all phases of the RI, is expected to be completed by February 1991. The FS report is due to USEPA by Late March 1991. A Record of Decision has been scheduled for the end of June 1992.

All dates are currently projected and do not account for unforeseen site complexities.



RESPONDENTS TO THE RI/FS CONSENT ORDER

3M Company
 AMD Industries
 Abbott Labs
 Acme Printing
 Acme Steel
 Adheron Coatings
 Aigner Products
 Allied Signal
 Amerace Corp.
 American National Can
 American Roller Co.
 Ashland Chemical
 Ashland Petroleum
 Atlas Electric Device
 Auburn Diecast Corp.
 Bagcraft Corp. of Am.
 Ball Corp.
 Baxter Healthcare
 Bennett Industries
 Borg-Warner Corp.
 Breuer Electric Mfg.
 Breve Corp.
 Brunswick Corp.
 Burwood Products
 C.P. Hall Co.
 CSX Transportation
 CTS Corp.
 Ceco Corporation
 Champion Internatl
 Chase Products
 Chicago Adhesive
 Chicago Loop Auto-
 Refinishing Inc.
 Chicago Rotoprint
 Coca-Cola Foods
 Continental Can
 Cudner & O'Connor Co
 DAP, Inc.
 Daubert Chemical Co.
 DeMert & Dougherty
 Denniston, Ltd.
 DeSoto, Inc.
 Dietzgen Corp.
 DiversiTech General
 Dixline Corporation
 Dreeblan Paint Co.
 E.I. DuPont
 Eli Lilly & Company
 Ericsson Inc.
 Exacto Products
 Federal Paper Board
 Flint Ink Corp.
 Fort Dearborn-
 Lithograph
 Freeman Chemical
 G.D. Searle & Co.
 GCA Corp
 Gast Manufacturing
 General Am.Trnsprt
 General Electric
 General Motors
 Glidden Company
 Great Lakes Terminal Trnsprt Corp.
 Hitco
 Hugh J. McLaughlin
 Hydrite Chemical
 Hydrosol, Inc.
 Illinois Bronze Paint

Industrial Coatings
 Insilco Corp.
 Intl Minerals & Chem
 International Shoe
 J.T. Clark
 James River Corp.
 John Crane, Inc.
 KMS Companies
 Kencote Laminations
 Knowles Electronics
 Lake Salvage, Inc.
 Littlefuse, Inc.
 Lockformer, Co.
 Mallinckrodt, Inc.
 Manta Vincor Steel
 Martin Marietta Corp.
 Matthews Paint Co.
 Midland Div of Dexter Milton
 Bradley Co.
 Mobil Oil Corp.
 Mortell Co.
 Morton Thiokol
 Motorola, Inc.
 Niles Chemical Paint
 Nutrasweet Co.
 O'Brien Corp.
 Occidental Chemical
 Owens-Corning Fiberglass
 PPG Industries
 Packaging Corp of Am Packard
 Instrument
 Peacock Colors, Inc.
 Pelron Corp.
 Phillips & Martin
 Pioneer Paint Prdcts
 Plicon Corp.
 Pratt & Lambert
 Precision Brand Prdts
 Premier Coatings Inc.
 Primerica Corp.
 R.R. Donnelly & Sons
 Redson Rice Corp.
 Refiners Trnspt Reichold Chemicals
 Reliable Paste & Chem
 Revere Copper & Brass
 Rogers Cartage Co.
 Rollprint Packaging
 Roy Strom Refuse Removal Service,
 Inc
 Rust-oleum Corp.
 S.C. Johnson & Son
 Safety Kleen
 St. Clair Mfg. Co.
 Sherwin Williams Co.
 Sinclair & Valentine
 Smith Victor Corp.
 Standard T. Chemical
 Starcraft Co.
 Stepan Company
 Sterling Engrd Prdcts
 Stuart Indstrl Coatng
 Sullivan Varnish
 T.L. Swint Indstr
 Technical Products
 Teepak, Inc.
 Teledyne Post
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Thiele-Engdahl
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Office of Superfund

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Call _____ for retransmission.

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